

## **Snap Contacts – 4 Week Development Plan**

The purpose of this document is to outline a development plan for the Snap Contacts Android app. Each week there are several milestones, however the 4<sup>th</sup> week is a hardening (pre release) phase. During this hardening phase I will search for bugs and work on error handling. If time permits, I will take on my target of opportunity – exporting contact data.

### **Week 1 (8 Hours):**

Design the user interface

- Portrait Interface
- Landscape Interface

The user interface should consist of:

- List View for contacts
- A search bar to filter the contacts list view
- A Plus button to create a new contact
- Create new contact screen
- Create edit contact screen
- Create camera overlay screen to capture PDF417 barcode
- Create a list view to contain Facebook profile pictures and names

### **Week 2 (10 hours):**

- Integrate the ability to scan PDF417 barcodes
- Parse the result of the scan and populate the new contact screen
- Prompt user to rescan if barcode is blurry
- Notify user barcode is not scan-able

### **Week 3 (10 hours):**

- Integrate with Facebook Grid API
- Give user the ability to select the contact's Facebook profile picture from a list
- Create SQLite database to hold contacts

### **Week 4 (7 hours - hardening phase):**

- Add the ability to geotag each contact (the user will know when/where they met the contact)
- Fix bugs
- Target of opportunity: Add the ability to export the contact list